

SEQUENCE LISTING

<110> C. Frank Bennett
Susan M. Freier

<120> ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-3 EXPRESSION

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Glu Ala Gln Ser His Ser Ser Thr Thr Thr Glu Lys Lys Lys Val Glu	
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aat tcc ata gtg aag tgc tcc act cga aca gat gtg agc gag aaa gcc 153
 Asn Ser Ile Val Lys Cys Ser Thr Arg Thr Asp Val Ser Glu Lys Ala
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gtt gcc tcc agc acc act tct aat gag gat gaa agt cct gga cag act
 Val Ala Ser Ser Thr Thr Ser Asn Glu Asp Glu Ser Pro Gly Gln Thr
 35 40 45

tat cac aga gag aga aac gca atc act atg cag cca cag aat gtc 249
 Tyr His Arg Glu Arg Arg Asn Ala Ile Thr Met Gln Pro Gln Asn Val
 50 55 60 65

cag ggg ctc agc aaa gtc agt gag gaa cct tca aca tcg agt gac gag
 Gln Gly Leu Ser Lys Val Ser Glu Glu Pro Ser Thr Ser Ser Asp Glu
 70 75 80

agg gcc tca ttg atc aag aaa gag atc cat ggg tcc ctg cca cac gtg 345
 Arg Ala Ser Leu Ile Lys Lys Glu Ile His Gly Ser Leu Pro His Val
 85 90 95

gcg gag ccc tct gtg ccg tac cgc ggg acg gtg ttt gcc atg gac ccc 393
 Ala Glu Pro Ser Val Pro Tyr Arg Gly Thr Val Phe Ala Met Asp Pro
 100 105 110

agg aat ggt tac atg gag ccc cac tac cac cct cct cat ctt ttc cct 441
Arg Asn Gly Tyr Met Glu Pro His Tyr His Pro Pro His Leu Phe Pro

115 120 125 489
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Ala Phe His Pro Pro Val Pro Ile Asp Ala Arg His His Glu Gly Arg
130 135 140 145
tac cat tac gat cca tct ccg att cct cca ttg cat atg act tcc gcc 537
Tyr His Tyr Asp Pro Ser Pro Ile Pro Pro Leu His Met Thr Ser Ala
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tta tct agt agc cct acg tat ccg gac ctg ccc ttc att agg atc tcc 585
Leu Ser Ser Ser Pro Thr Tyr Pro Asp Leu Pro Phe Ile Arg Ile Ser
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cca cac cgg aac ccc gct gct tcc gag tct ccc ttc agc cct cca 633
Pro His Arg Asn Pro Ala Ala Ala Ser Glu Ser Pro Phe Ser Pro Pro
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His Pro Tyr Ile Asn Pro Tyr Met Asp Tyr Ile Arg Ser Leu His Ser
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agc cca tcg ctc tcc atg atc tca gca acc cgt ggg ctg agc cct aca 729
Ser Pro Ser Leu Ser Met Ile Ser Ala Thr Arg Gly Leu Ser Pro Thr
210 215 220 225
gat gcg ccc cat gca gga gtc agc cca gca gaa tac tat cat cag atg 777
Asp Ala Pro His Ala Gly Val Ser Pro Ala Glu Tyr Tyr His Gln Met
230 235 240
gcc ctg cta act ggc cag cgc agc ccc tat gca gac att att ccc tca 825
Ala Leu Leu Thr Gly Gln Arg Ser Pro Tyr Ala Asp Ile Ile Pro Ser
245 250 255
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Ala Ala Thr Ala Gly Thr Gly Ala Ile His Met Glu Tyr Leu His Ala
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Met Asp Ser Thr Arg Phe Ser Ser Pro Arg Leu Ser Ala Arg Pro Ser
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Arg Lys Arg Thr Leu Ser Ile Ser Pro Leu Ser Asp His Ser Phe Asp

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325		330		335
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340		345		350
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390		395		400
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agg tcc aag atc aaa ccc gat gaa gac ctc ccc agc cca ggg gct cgg Arg Ser Lys Ile Lys Pro Asp Glu Asp Leu Pro Ser Pro Gly Ala Arg				1401
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515	520	525	
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675 680 685
ctc cag gtg aaa acc gtc aag gca gag aag cca atg aca tct cag cca 2169
Leu Gln Val Lys Thr Val Lys Ala Glu Lys Pro Met Thr Ser Gln Pro
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Asn Tyr Ser Asn Ser Gly Leu Glu Leu Pro Leu Thr Asp Gly Gly Ser
725 730 735
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Ile Ser Thr Ala Thr Ala Leu Ala Leu Gln Ala Arg Arg Asn Pro
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870 875 880 2697
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Lys Ala Lys Tyr Ala Ala Ala Thr Gly Pro Pro Pro Thr Pro Leu
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Arg Cys Ser Asp Gly Gly Ala His Gly Tyr Gly Arg Arg His Leu Gln
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Pro His Asp Ala Leu Gly His Gly Val Arg Arg Ala Ser Asp Pro Val

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acc ctg gag tcc ctg acc atg gac gct gat gcc aac ctg aac gat gag Thr Leu Glu Ser Leu Thr Met Asp Ala Asp Ala Asn Leu Asn Asp Glu			3321
	1075	1080	1085
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	1090	1095	1100
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Lys Gly Gln Pro His Pro Leu Cys Ser Asn Leu Gln Asn Tyr Ser Gly
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